

CLAIMS

What is claimed is:

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1. An input detection system for an electronic device comprising:
a first display component;
a sensor component operable to detect an indication in proximity
to but not in contact with the surface of said sensor component; and
a control circuit coupled to said sensor component and to said first
display component operable to register said indication as an input to said
electronic device.
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2. The input detection system as recited in Claim 1, wherein said
sensor component is a capacitive sensor.
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3. The input detection system as recited in Claim 2, wherein said
sensor component is further operable to detect said electronic device being
handled and said control system, responsive to said handling, for actuating said
electronic device.
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4. The input detection system as recited in Claim 1, wherein said
sensor component is an inductive sensor.

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5. The input detection system as recited in Claim 1, wherein said system further comprises:

a cover coupled to said electronic device by a hinge; and

a second display component disposed within said cover having
5 sufficient transparency to permit viewing of said first display component when
said cover is in a closed position and wherein said second display component
is disposed above said first display component.

6. The input detection system as recited in Claim 5, wherein said
10 sensor is operable to detect an indication above said second display
component when said cover is in a closed position above said first display
component.

7. The input detection system as recited in Claim 6, wherein said
15 sensor is operable to differentiate the height of said indication above the
surface of said second display component and causes said control circuit, in
response to said differentiating, to make one of said display components an
active display component.

20 8. The input detection system as recited in Claim 5, wherein said
control circuit is operable to detect when said cover is in said closed position
and in an open position and is further operable to alter a detection threshold of
said sensor component when said cover is in said open position.

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9. The input detection system as recited in Claim 8, wherein said sensor component, responsive to said altered detection threshold, detects an indication above said second display component and said control system registers said indication as an input to said electronic device.

10. The input detection system as recited in Claim 5, wherein said cover further comprises:

a second sensor component operable to detect an indication in proximity to but not in contact with the surface of said second sensor component, wherein said indication is registered as an input to said electronic device.

11. An input detection system for an electronic device comprising:

a first display component;

a capacitive sensor component operable to detect an indication in proximity to but not in contact with the surface of said sensor component; and

a control circuit coupled to said sensor component and to said first display component operable to register said indication as an input to said electronic device.

12. The input detection system as recited in Claim 11, wherein said system further comprises:

5 a cover coupled to said electronic device by a hinge; and
a second display component disposed within said cover having
sufficient transparency to permit viewing of said first display component when
said cover is in a closed position and wherein said second display component
is disposed above said first display component.

10 13. The input detection system as recited in Claim 12, wherein said
sensor is operable to detect an indication above said second display
component when said cover is in a closed position above said first display
component.

15 14. The input detection system as recited in Claim 13, wherein said
sensor is operable to differentiate the height of said indication above the
surface of said second display component and causes said control circuit, in
response to said differentiating, to make one of said display components an
active display component.

20 15. The input detection system as recited in Claim 13, wherein said
control circuit is operable to detect when said cover is in said closed position
and in an open position and is further operable to alter a detection threshold of
said sensor component when said cover is in said open position.

16. The input detection system as recited in Claim 15, wherein said sensor component, responsive to said altered detection threshold, detects an indication above said second display component and said control system registers said indication as an input to said electronic device.

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17. The input detection system as recited in Claim 12, wherein said cover further comprises:

a second sensor component operable to detect an indication in proximity to but not in contact with the surface of said second sensor component, wherein said indication is registered as an input to said electronic device.

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18. The input detection system as recited in Claim 11, wherein said sensor component is further operable to detect said electronic device being handled and said control system, responsive to said handling, for actuating said electronic device.

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19. An input detection system for an electronic device comprising:
a first display component;

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an inductive sensor component operable to detect an indication in proximity to but not in contact with the surface of said sensor component; and

a control circuit coupled to said sensor component and to said first display component operable to register said indication as an input to said electronic device.

5 20. The input detection system as recited in Claim 19, wherein said system further comprises:

a cover coupled to said electronic device by a hinge; and

10 a second display component disposed within said cover having sufficient transparency to permit viewing of said first display component when said cover is in a closed position and said second display component is disposed above said first display component.

15 21. The input detection system as recited in Claim 20, wherein said sensor is operable to detect an indication above said second display component when said cover is disposed above said first display component.

20 22. The input detection system as recited in Claim 21, wherein said sensor is operable to differentiate the height of said indication above the surface of said second display component and causes said control circuit, in response to said differentiating, to make one of said display components an active display component.

23. The input detection system as recited in Claim 19, wherein said control circuit is operable to detect when said cover is in said closed position and in an open position and is operable to alter a detection threshold of said sensor component when said cover is in said open position.

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24. The input detection system as recited in Claim 23, wherein said sensor component, responsive to said altered detection threshold, detects an indication above said second display component and said control system registers said indication as an input to said electronic device.

25. The input detection system as recited in Claim 20, wherein said cover further comprises:

a second sensor component operable to detect an indication in proximity to but not in contact with the surface of said second sensor component, wherein said indication is registered as an input to said electronic device.